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FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NO. 1220.1001	APPLICATION NO. 10/589,437
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				FIRST NAMED INVENTOR Kenichi SHIRAISHI	
				FILING DATE August 1, 2007	GROUP ART UNIT 2851

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA	7,557,900	07/07/2009	Shiraishi			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	ENGLISH TRANSLATION YES NO	ENGLISH ABSTRACT
	AB	6-124873	5-6-1994	JAPAN	X	X
	AC	11-233406	8-27-1999	JAPAN	X	X
	AD	8-037149	02/06/1996	JAPAN	X	X
	AE	4-065603	03/02/1992	JAPAN	X	X
	AF	7-176468	07/14/1995	JAPAN	X	X
	AG	57-117238	07/21/1982	JAPAN	X	X
	AH	2002-14005	01/18/2002	JAPAN	X	X
	AI	11-16816	01/22/1999	JAPAN	X	X
	AJ	6-188169	07/08/1994	JAPAN	X	X
	AK	6-53120	02/25/1994	JAPAN	X	X
	AL	10-163099	06/19/1998	JAPAN	X	X
	AM	10-214783	08/11/1998	JAPAN	X	X
	AN	11-135400	05/21/1999	JAPAN	X	X
	AO	8-166475	06/25/1996	JAPAN	X	X
	AP	8-330224	12/13/1996	JAPAN	X	X

Sheet 2 of 2

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		1220.1001	10/589,437
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			ENGLISH TRANSLATION	
	AQ	European Office Action mailed February 24, 2009 issued with respect to European patent application No. 05 710 311.1-1226	YES	NO
	AR	International Search Report mailed May 31, 2005 issued with respect to PCT/JP2005/002461	X	
	AS	Written Opinion mailed May 31, 2005 issued with respect to PCT/2005/002461	X	

EXAMINER /Mesfin Asfaw/	DATE CONSIDERED 12/16/2010
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ATTACHMENT 1(e)**EXPLANATIONS OF RELEVANCY
OF REFERENCES**

ATTORNEY DOCKET NO.	APPLICATION NO
1220.1001	10/589,437
FIRST NAMED INVENTOR	
Kenichi SHIRAIKI	
FILING DATE	GROUP ART UNIT
August 1, 2007	2851

Please note that References AB (JP 6-124873) and AC (11-233406) were previously cited in an Information Disclosure Statement filed on November 15, 2006.

Please note that References AD-AP were previously cited in an Information Disclosure Statement filed on August 1, 2007.